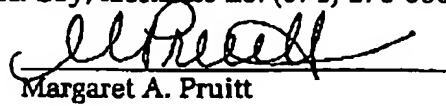


RECEIVED  
CENTRAL FAX CENTER

AUG 25 2006

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I do hereby certify that this correspondence is being transmitted via facsimile, to the Commissioner for Patents, Examiner, Nicole A. Coy, facsimile no. (571) 273-8300, on this August 25, 2006.



Margaret A. Pruitt

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Do not  
enter  
8/30/06  
nac

APPLICANT: Krueger et al.	§	Group Art Unit: 3672
SERIAL NO.: 10/796,256	§	Examiner: Nicole A. Coy
FILED: March 9, 2004	§	Atty. Docket: 414-35025-US
TITLE: "Apparatus and Method of Controlling Motion and Vibration of an NMR Sensor in a Drilling BHA"	§	Confirmation No.: 2388
MS: AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450		

**RESPONSE TO THE FINAL OFFICE ACTION DATED MAY 25, 2006**

This is in response to the Final Office Action, dated May 25, 2005 for the above-identified patent application.

Amendments to the Claims begin at page 2.

Remarks begin at page 8.

Conclusion begins at page 10.